

## PATENT ABSTRACTS OF JAPAN

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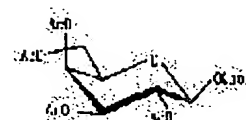
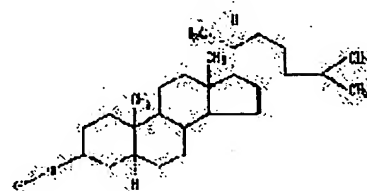
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## (54) CHOLESTANOL COMPOUND AND MEDICINE CONTAINING THE SAME

## (57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new cholestanol compound hardly providing side effects, excellent in safety and useful as an anticancer agent or the like.

SOLUTION: This new compound is the one of formula I (G is Gal-, Gal-Glc- or GlcNAc-Gal-), e.g. 3- $\beta$ -cholestanyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-galactopyranoside. The compound of formula I is obtained, for example, by using  $\beta$ -D-galactopyranose pentaacetate of formula II as a raw material, reacting hydrobromic acid therewith to provide a compound of formula III, further reacting the compound of formula III with a  $\beta$ -cholestanol to provide a compound of formula IV, and deprotecting the product. Preferably, the compound of formula I is used perorally or parenterally, and the daily dose thereof for an adult is preferably within the range of 0.1-50 mg/kg body weight.



## LEGAL STATUS

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